

**RDTH2MC**

2016 - 2017

Advanced Master in Radiotherapy-Oncology

**At Bruxelles Woluwe - 300 credits - 5 years - Day schedule - In french**Dissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **NO** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Sciences médicales**Organized by: **Faculté de médecine et médecine dentaire (MEDE)**Programme code: **rdth2mc** - Francophone Certification Framework: 7**Table of contents**

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## RDTH2MC - Introduction

### Introduction

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## RDTH2MC - Teaching profile

### Learning outcomes

This complementary master's programme aims to prepare doctors to become officially recognised holders of the particular professional title of specialist Doctor in radiotherapeutic-oncology (Ministerial decree of 08.12.1980 published on 03.03.1980, modified by the ministerial decrees of 24.07.1990 and 11.04.1999).

### Programme structure

The training course comprises full time apprenticeships in recognised services and teaching centres. It lasts for at least five years, full-time, including at least two years of foundation studies and at least three years of higher studies. The apprenticeship project established by the university stage coordinator must be approved by the ministerial validation committee for the speciality. These periods of practical training include being on call

[> Tronc commun](#) [ en-prog-2016-rdth2mc-wrdth200t.html ]

## RDTH2MC Detailed programme

### Programme by subject

#### CORE COURSES [300.0]

- Mandatory
- △ Courses not taught during 2016-2017
- ⊕ Periodic courses taught during 2016-2017
- ⊗ Optional
- ⊖ Periodic courses not taught during 2016-2017
- Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

L'ABRO est l'Association Belge de Radiothérapie-Oncologie. I et IU : enseignement Universitaire et Interuniversitaire.

Year

1 2 3 4 5

#### o Premier bloc annuel (Formation universitaire spécifique - FUS) (60 credits)

##### o Compléments de radiothérapie-oncologie, 1re partie (15 credits)

● LPHY2360	Physique atomique, nucléaire et des radiations	Krzysztof.Piotrkowski	22.5h	2 Credits		x							
● WRDTH3131	Radiobiologie	Vincent.Gregoire Pierre.Scalliet (coord.)	22.5h	2 Credits	2q	x							
● WRPR2001	Notions de base de radioprotection	Michael.Dupont Vincent.Gregoire (coord.)	10h+5h	2 Credits	1q	x							
● WRPR2002	Compléments de radioprotection	Philippe.Clapuyt Michael.Dupont Francois.Jamar Pierre.Scalliet (coord.)	20h+10h	3 Credits	2q	x							
● WRPR3010	Questions spéciales de radioprotection	Philippe.Clapuyt Michael.Dupont Francois.Jamar Sebastien.Lichtherte Pierre.Scalliet (coord.) Stefaan.Vynckier	40h	4 Credits	2q	x							

Year

		Year				
		1	2	3	4	5
○ WRPR2280	Radiogénétique					
		15h	2 Credits	1q Δ	x	

### o Autres activités (45 credits)

○ WRDTH2311	Questions spéciales de radiothérapie-oncologie, 1re année (enseignement IU-ABRO- et séminaires cliniques multidisciplinaires)		84h	10 Credits	2q	x				
○ WRDTH2381	Stages cliniques de radiothérapie-oncologie 1re année, 1re partie			20 Credits	1 + 2q	x				
○ WRDTH2391	Stages cliniques de radiothérapie-oncologie 1re année, 2e partie			15 Credits	3q	x				

### o Deuxième bloc annuel (Formation universitaire spécifique - FUS) (60 credits)

#### o Compléments de radiothérapie-oncologie, 2e partie (8 credits)

○ WRDTH3120	Dosimétrie en radiothérapie et contrôle de qualité	Stefaan.Vynckier	30h	3 Credits	2q		x			
○ WRDTH3160	Dosimétrie informatisée en radiothérapie	Vincent.Gregoire Pierre.Scalliet Stefaan.Vynckier (coord.)	30h+60h	5 Credits	2q		x			

#### o Autres activités (52 credits)

○ WRDTH2312	Questions spéciales de de radiothérapie-oncologie 2e année (enseignement IU -ABRO- et séminaires cliniques multidisciplinaires)		84h	10 Credits	2q		x			
○ WRDTH2382	Stages cliniques de radiothérapie-oncologie 2e année, 1re partie			21 Credits	1 + 2q		x			
○ WRDTH2392	Stages cliniques de radiothérapie-oncologie 2e année, 2e partie			21 Credits	3q		x			

### o Troisième bloc annuel (60 credits)

○ WRDTH2313	Questions spéciales de radiothérapie-oncologie 3e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)		84h	12 Credits	2q			x		
○ WRDTH2383	Stages cliniques de radiothérapie-oncologie 3e année, 1re partie			24 Credits	2q			x		
○ WRDTH2393	Stages cliniques de radiothérapie-oncologie 3e année, 2e partie			24 Credits	3q			x		

### o Quatrième bloc annuel (60 credits)

○ WRDTH2314	Questions spéciales de radiothérapie-oncologie 4e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)		84h	12 Credits	2q					x
○ WRDTH2384	Stages cliniques de radiothérapie-oncologie 4e année, 1re partie			24 Credits	1 + 2q					x
○ WRDTH2394	Stages cliniques de radiothérapie-oncologie 4e année, 2e partie			24 Credits	3q					x

### o Cinquième bloc annuel (60 credits)

○ WRDTH2315	Questions spéciales de radiothérapie-oncologie 5e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)		84h	10 Credits	2q						x
○ WRDTH2385	Stages cliniques de radiothérapie-oncologie 5e année, 1re partie			25 Credits	1 + 2q						x
○ WRDTH2395	Stages cliniques de radiothérapie-oncologie 5e année, 2e partie			10 Credits	3q						x
○ WRDTH2375	Mémoire de radiothérapie-oncologie			15 Credits	2q						x



## The programme's courses and learning outcomes

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For each UCL training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"

The document is available by clicking [this link](#) after being authenticated with UCL account.

## RDTH2MC - Information

### Admission

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*In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail*

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.  
The admission requirements must be met prior to enrolment in the University.

#### General requirements

Subject to the general requirements laid down by the academic authorities, admission to the specialized Master's degree programme will be granted to students who fulfil the entry requirements for studies leading to the award of a Master's (second-cycle) degree and who hold a second-cycle diploma, degree, certificate or other qualification issued within or outside the French Community of Belgium, or whose prior learning or experience has been accredited by the Examination Board as being equivalent to at least 300 credits.

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### Specific Admission Requirements

#### Admission conditions

- The applicant must hold the degree title of Doctor in Medecine or be a Doctor from a member country of the European Union authorising medical practice in Belgium.
- The applicant must be in possession of a document attesting that, at the end of the selection exams, he was retained as a specialist candidate in Cardiology, in a Belgian medical faculty. The juridical context and practical procedures regarding these selection tests can be obtained from the secretary's office. Degree holders from outside the European Union are only allowed to register on the programme in the context of procuring a university certificate for partially specialised training for the duration of two years (if they are in the process of doing a specialisation in their country of origin) or for an in-depth specialised training course for the duration of one year (if they are already recognised as specialists in their own country).

The Royal Decree of the 30.05.2002, relating to the planning of the l'offre médicale published on the 14.06.2002, applies to those candidates wishing to obtain the title of specialist doctor in Radio-therapy oncology(those candidates are thus counted among the general practitioner candidates or specialists in the context of the numerus clausus).

#### Admission procedures

Applications for admission must be addressed to the academic supervisor. The organisation of the entrance selection tests is arranged in accordance with the calendar and the general examination rules and regulations.

## Evaluation

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The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

### First part

An evaluation of knowledge on the "basis" subjects is carried out at the end of the second year. Further to the application of the Royal Decree of 16 March, 1999, at the end of his first two years of training, the candidate will receive an attestation proving that he has successfully accomplished a specific university training course.

### Second part

An evaluation of knowledge on the "clinical" subjects corresponding to the higher studies is carried out at the end of the fifth year. By way of reminder, an evaluation of knowledge is carried out on a national level at the end of the fourth year. This aims to test the "clinical" topics corresponding to the studies of the second part of the training course. A dissertation (level of undergraduate, or a publication judged to be equivalent) is required. This will then be defended in public.

Besides this, an attestation of competence in radio-protection and in the basic disciplines (physics of ionizing rays, dosimetry, radiobiology) issued by the University is compulsory to obtain the ministerial recognition allowing the use of ionizing rays in radiotherapy. Upon fulfilment of the above-described training requirements, the teaching committee will award the academic title in radiotherapy-oncology.

This title does not replace official recognition by the ministerial validation committee. It attests to the successful completion of an academic and scientific study programme in the context of specialised training leading to this validation. A Ph.D in medical sciences, orientation : radiotherapy-oncology may be undertaken by the candidates who have obtained more than a 70% score in the exams and who have presented their undergraduate dissertation. This Ph.D (clinical orientation) must be of the standard level required for a Ph.D in terms of its originality and volume of data contained.

## Contacts

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### Curriculum Management

Entite de la structure MEDE

Sigle	<b>MEDE</b>
Dénomination	Faculté de médecine et médecine dentaire
Adresse	Avenue Mounier, 50 bte B1.50.04 1200 Woluwe-Saint-Lambert Tél 02 764 50 20 - Fax 02 764 50 35
Secteur	Secteur des sciences de la santé ( <b>SSS</b> )
Faculté	Faculté de médecine et médecine dentaire ( <b>MEDE</b> )
Mandats	<b>Dominique Vanpee</b> Doyen
Commissions de programme	Commission du master complémentaire en médecine générale ( <b>CAMG</b> ) Commission des certificats en radioprotection ( <b>CRPR</b> ) Commission des masters complémentaires et certificats en médecine spécialisée ( <b>MCCM</b> ) Ecole de médecine dentaire et de stomatologie ( <b>MDEN</b> ) Ecole de médecine ( <b>MED</b> )

**Academic Supervisor :** [Pierre Scalliet](#)

### Jury

### Usefull Contacts



